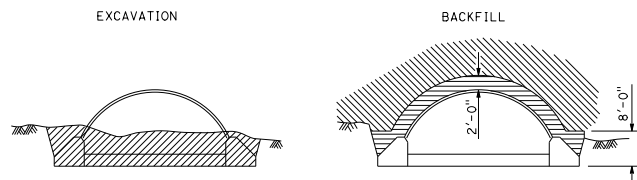
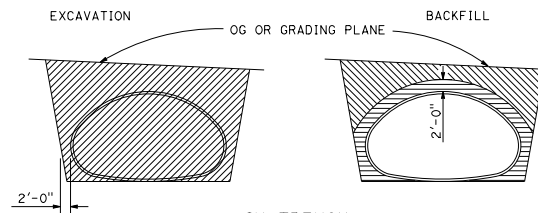
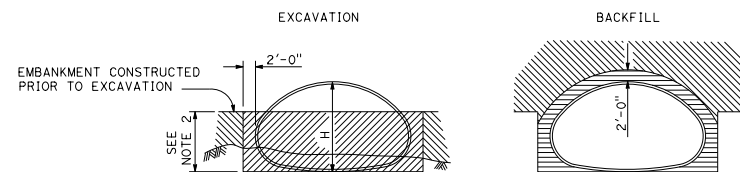
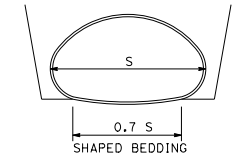


IN TRENCH

IN EMBANKMENT
STRUCTURAL STEEL PLATE ARCHES

IN TRENCH

IN EMBANKMENT
STRUCTURAL STEEL PLATE PIPE ARCHES
AND VEHICULAR UNDERCROSSINGSHAPED BEDDING
S = Larger than 84"

NOTES:

1. PIPES: 30" minimum for diameters up to and including 42" then $\frac{3}{8}$ diameter but no more than 60" required. CORRUGATED METAL PIPE ARCHES: 30" maximum.
2. $\frac{2}{3}$ H up to 60" maximum.
3. Slope or shore excavation sides as necessary.
4. Backfill shall be placed full width of excavation except as noted.
5. Diagrams do not apply to overside drains.
6. Dimensions shown are minimum.
7. Construction strutting of structural steel plate pipe, arches and vehicular undercrossing to be used when shown on the project plans. When shown, see Standard Plan D88A for strutting requirements.
8. Excavation below pipe and 80% relative compaction requirements for plastic pipes only.
9. D is the inside diameter (ID) of the pipe.

LEGEND

	STRUCTURE EXCAVATION (CULVERT)		ROADWAY EMBANKMENT
	STRUCTURE BACKFILL (CULVERT)		STRUCTURE BACKFILL (CULVERT)
	95% RELATIVE COMPACTION		80% RELATIVE COMPACTION

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATIONEXCAVATION AND BACKFILL
METAL AND PLASTIC CULVERTS

NO SCALE

A62F